

## CLAIMS

1. An image processing apparatus, comprising:
  - an extraction unit operable to extract image data of a selected program;
  - an acquisition unit operable to acquire image encoded information of the selected program extracted by the extraction unit; and
  - a setting unit operable to set a signal processing parameter for processing an image signal of the selected program in accordance with the image encoded information.
2. The image processing apparatus according to claim 1, wherein:
  - the extraction unit extracts the image data of the selected program from a transport stream; and
  - the acquisition unit acquires the image encoded information from service information included in the transport stream.
3. The image processing apparatus according to claim 1, further comprising a storage device operable to store the signal processing parameter.
4. The image processing apparatus according to claim 3, further comprising changing means for changing the signal processing parameter on the basis of an input from a user.
5. The image processing apparatus according to claim 1, further comprising a processor operable to process the image signal of the selected program in accordance with the signal processing parameter set by the setting unit.
6. The image processing apparatus according to claim 1, further comprising a display operable to display the image signal of the selected program after processing.
7. The image processing apparatus according to claim 6, wherein the display is controlled in accordance with the image encoded information.
8. An image processing method, comprising:

extracting image data of a selected program;  
acquiring image encoded information of the selected  
program extracted in the extracting step; and

setting a signal processing parameter for processing  
an image signal of the selected program in accordance with the  
image encoded information.

9. The image processing method according to claim 8,  
wherein:

the extracting step extracts the image data of the  
selected program from a transport stream; and

the acquiring step acquires the image encoded  
information from service information included in the transport  
stream.

10. The image processing method according to claim 8,  
further comprising storing the signal processing parameter.

11. The image processing method according to claim 10,  
further comprising changing the signal processing parameter on  
the basis of an input from a user.

12. The image processing method according to claim 8,  
further comprising processing the image signal of the selected  
program in accordance with the set signal processing  
parameter.

13. The image processing method according to claim 12,  
further comprising displaying the processed image signal of  
the selected program.

14. The image processing method according to claim 13,  
wherein the step of displaying the processed image is  
controlled in accordance with the image encoded information.

15. A recording medium recorded with a computer readable  
program for processing images, the program comprising:

extracting image data of a selected program;

acquiring image encoded information of the selected  
program extracted in the extracting step; and

setting a signal processing parameter for processing  
an image signal of the selected program in accordance with the  
image encoded information.